

**Amendments to the Specification:**

After the title, please insert the following subheading and paragraph:

**CROSS REFERENCE TO RELATED APPLICATIONS**

**[0001]** This application is entitled to the benefit of and incorporates by reference essential subject matter disclosed in International Patent Application No. PCT/KZ2004/000002 filed on March 11, 2004 and Kazakhstan Patent Application No. 2003/0411.1 filed March 26, 2003.

Before paragraph [0002], please insert the following subheading:

**FIELD OF THE INVENTION**

Before paragraph [0003], please insert the following subheading:

**BACKGROUND OF THE INVENTION**

Before paragraph [0012], please insert the following subheading:

**BRIEF SUMMARY OF THE INVENTION**

Before paragraph [0023], please insert the following subheading:

**BRIEF DESCRIPTION OF THE DRAWINGS**

Please amend paragraphs [0025], [0026], [0027], [0032], [0035], [0037], [0039], and [0041] as follows:

**[0025]** Fig. 2 is a longitudinal sectional view in the plane ~~A-A~~2-2 of Fig. 1, on the left of the axis: the position of the pistons analogous to the position of the pistons on the left of the axis in Fig.1, on the right of the axis: one stroke later;

**[0026]** Fig. 3 is a cross sectional view in the plane ~~B-B~~3-3 of Fig. 1;

**[0027]** Fig. 4 is a cross sectional view in the plane ~~C-C~~4-4 of Fig. 1 with the adjustable lid removed, on the left of the axis: with the connecting rods, pistons and

outer connecting member removed, on the right of the axis: with the inner connecting member removed;

[0032] Fig. 9 is a view in the plane ~~D-D~~9-9 in Fig. 8, on the left of the axis: in cross section;

[0035] Fig. 12 is a view from the end of the crank-hinge frame in the direction of arrow ~~E~~12 shown in Fig. 8, on the left of the axis: in longitudinal view;

[0037] Fig. 14 is a cross sectional view in the plane ~~F-F~~14-14 in Fig. 10;

[0039] Fig. 16 is a cross sectional view in the plane ~~G-G~~16-16 in Fig. 15;

[0041] Fig. 18 is a cross sectional view in the plane ~~H-H~~18-18 in Fig. 17.

Before paragraph [0042], please insert the following subheading:

**DETAILED DESCRIPTION OF THE INVENTION**

Please insert the following new paragraph [0077]:

[0077] While the present invention has been illustrated and described with respect to a particular embodiment thereof, it should be appreciated by those of ordinary skill in the art that various modifications to this invention may be made without departing from the spirit and scope of the present invention.

Please delete the contents contained on pages 35 and 36 of the specification as follows:

**LIST**

~~of reference numerals in the drawings accompanying the invention~~  
~~„Piston mechanism with diverging pistons“~~

Cylinder	1
Adjustable lid	2
Removable insert	3
Crankcase	4

Diverging pistons	5, 6
Crankshaft	7
Bearing assembly	8
Bearing	9
Working chambers	10, 11, 12, 13
Inlet openings of the working chambers	10, 11, 12, 13 14
Outlet openings of the working chambers	10, 11, 12, 13 15
Guide channels	16, 17
Through cuts	18
Connecting rods	19, 20
Narrow lateral face of the connecting rods	19, 20
facing the cavity of the cylinder	21
Wide face of the connecting rods	19, 20 22
Narrow lateral face of the connecting rods	
facing away from the cavity of the cylinder	23
Shoulders	24
Protrusions on the connecting rods	19 25
Protrusions on the connecting rods	20 26
Inner connecting member	27
Outer connecting member	28
Lower plate of the inner connecting member	27 29
Stand of the lower plate	29 30
Upper plate of the inner connecting member	27 31
Radial cuts on the upper plate	31 32
Recesses in the plates	29, 31 33
Securing grips on the connecting rods	19 34
Bolts of the connecting member	27 35
Central opening of the outer connecting member	28 36
Lower plate of the outer connecting member	28 37
Diametric stands of the lower plate	37 38
Upper plate of the outer connecting member	28 39
Radial cuts in the upper plate	39 40
Recesses in the outer connecting member	28 41
Securing grips on the connecting rods	20 42

Bolts of the connecting member 28	43
Lid of the cylinder	44
Additional working chamber	45
Annular engaging grooves	46
Annular grooves on the pistons 5, 6	47
Middle crankpin	48
Central crank hinge frame	49
Outer crankpins	50, 51
Lateral crank hinge frames	52, 53
Slide bar	54
Cross bar	55
Support	56
Coupling bolts	57
Stand of the frames 49, 50, 51	58
Central opening of the slide bar	59
Constructive parts of the slide bar	60
Protrusions of the slide bar	61
Bolts of the slide bar	62
Pin	63
Guide plates	64
Regulating bolts	65
Spark plug	66
Inlet opening of the working chamber 45	67
Outlet opening of the working chamber 45	68